

Part 573 Safety Recall Report

16V-446

Manufacturer Name : Indian Motorcycle Company**Submission Date :** SEP 15, 2022**NHTSA Recall No. :** 16V-446**Manufacturer Recall No. :** I-16-02**Manufacturer Information :**

Manufacturer Name : Indian Motorcycle Company

Address : 2100 Highway 55

Medina MN 55340

Company phone : 800-765-2747

Population :

Number of potentially involved : 18,383

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2014-2016 Indian Chief Classic

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The affected vehicles were identified based on manufacturing records. The VINs identified contain all of the potentially affected machines.

Production Dates : APR 15, 2013 - MAR 17, 2016

VIN Range 1 : Begin : 56KCCCAA0E3000125 End : 56KCCCAAXG3338151 Not sequential

Vehicle 2 : 2014-2016 Indian Chief Vintage

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The affected vehicles were identified based on manufacturing records. The VINs identified contain all of the potentially affected machines.

Production Dates : APR 15, 2013 - MAY 16, 2016

VIN Range 1 : Begin : 56KCCVAA0E3000167 End : 56KCCVAAAXG3340493 Not sequential

Vehicle 3 : 2014-2016 Indian Chieftain

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The affected vehicles were identified based on manufacturing records. The VINs identified contain all of the potentially affected machines.

Production Dates : APR 16, 2013 - MAY 26, 2016

VIN Range 1 : Begin : 56KTCAA0E3000047 End : 56KTCAAAXG3341183 Not sequential

Vehicle 4 : 2015-2016 Indian Roadmaster

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The affected vehicles were identified based on manufacturing records. The VINs identified contain all of the potentially affected machines.

Production Dates : FEB 04, 2014 - MAY 02, 2016

VIN Range 1 : Begin : 56KTRAAA0F3318377 End : 56KTRAAAXG3339061 Not sequential

Vehicle 5 : 2016-2016 Indian Chief Dark Horse

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The affected vehicles were identified based on manufacturing records. The VINs identified contain all of the potentially affected machines.

Production Dates : MAY 08, 2014 - APR 25, 2016

VIN Range 1 : Begin : 56KCCDAA0G3321462 End : 56KCCDAAXG3339063 Not sequential

Vehicle 6 : 2016-2016 Indian Chieftain Dark Horse

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The affected vehicles were identified based on manufacturing records. The VINs identified contain all of the potentially affected machines.

Production Dates : APR 11, 2016 - MAY 24, 2016

VIN Range 1 : Begin : 56KTCDAA0G3339198 End : 56KTCDAAAXG3340942 Not sequential

Vehicle 7 : 2014-2016 Indian Springfield

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The affected vehicles were identified based on manufacturing records. The VINs identified contain all of the potentially affected machines.

Production Dates : DEC 09, 2014 - MAY 25, 2016

VIN Range 1 : Begin : 56KTHAAA0G3322160 End : 56KTHAAAXG3340598 Not sequential

Description of Defect :

Description of the Defect : In the event of an ignition misfire on 2014-2016 Indian (Chief Classic, Chief Darkhorse, Vintage, Chieftain, Chieftain Darkhorse, Springfield, Roadmaster) motorcycles, unburned fuel can pass into certain parts of the exhaust system, which can cause elevated exhaust temperatures that may pose a fire hazard.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the temperature of the catalyst is sufficient to ignite unburned fuel, certain exhaust components may become hot enough to damage the motorcycle or cause personal injury.

Description of the Cause : Existing engine calibration does not utilize gross misfire detection strategy if a misfire should occur.

This safety recall will consist of a re-flash of the Engine Control Module (ECM) to add a feature to detect engine misfires, and, in the case of repeated misfires, shut off the fuel to that cylinder for the duration of the ignition key cycle. When misfire is detected, a yellow malfunction indicator light (MIL) in the dash will illuminate.

Identification of Any Warning that can Occur : In the event of a misfire, operators may experience a reduction in engine performance.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : Indian Motorcycle / Polaris Industries

Address : 2100 Highway 55
Medina Minnesota 55340

Country : United States

Chronology :

On April 30th of 2015, Polaris received a notification related to this issue and responded by sending out a technical representative to investigate and perform an analysis on site. From that date, Polaris had been working to determine the root cause of that claim, and monitoring any subsequent occurrences.

Upon notification of this issue, Polaris began to review all motorcycle claims to try and establish a pattern. Based upon an analysis of field claims, discussions with the software vendor and a thorough evaluation of the system a decision was made to perform a safety recall for the misfire.

To date, there have been no reports of injury or vehicle loss due to this misfire issue.

Description of Remedy :

Description of Remedy Program : Indian Motorcycle will issue a Safety Recall Bulletin to all Indian Motorcycle dealers, with instructions required to reflash the ECM with no cost to motorcycle owners. The reflash should take about one half hour to perform; however, it may take longer due to service scheduling requirements.

How Remedy Component Differs from Recalled Component : This safety recall will consist of a re-flash of the Engine Control Module (ECM) to add a feature to detect engine misfires, and, in the case of repeated misfires, shut off the fuel to that cylinder for the duration of the ignition key cycle. When misfire is detected, a yellow malfunction indicator light (MIL) in the dash will illuminate.

Identify How/When Recall Condition was Corrected in Production : On June 10th, 2016, all motorcycles that were currently being produced with the previous version of the ECM software were updated at production with the current version.

The last VIN produced with the previous ECM software was:
56KTHAAA5G3341805

Recall Schedule :

Description of Recall Schedule : Upon review and approval from NHTSA, Polaris will contact dealers and consumers advising them of the voluntary safety recall bulletin regarding the ECM reflash.

Planned Dealer Notification Date : JUN 24, 2016 - NR

Planned Owner Notification Date : JUL 01, 2016 - NR

* NR - Not Reported